

10-14-08

JW

Attorney's Docket No.: 119378-00262 / 1081

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lin Zhi et al.
Patent No. : 7,026,484
Issue Date : April 11, 2006
Serial No. : 10/080,926
Filed : February 22, 2002
Title : TRICYCLIC ANDROGEN RECEPTOR MODULATOR COMPOUNDS AND METHODS

Art Unit : 1625
Examiner : D. Margaret Seaman
Conf. No. : 7786
Cust. No. : 77202

Attn.: Certificate of Corrections Branch

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Dear Sir:

Transmitted herewith are a Request for a Corrected Certificate of Correction (4 pages); Hand-Annotated Sheets (7 pages); a clean copy of Patentee's originally requested Certificate of Correction (26 pages); a copy of the Index of Claims (2 pages) and a return postcard for filing in connection with the above-identified application. All errors sought to be corrected were made in printing by the Patent and Trademark Office, and no fee should be due. If it is determined that a fee for filing these papers is required, the commissioner is authorized to charge Deposit Account No. 02-1818, as stated below:

- ☒ The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 02-1818. A duplicate of this sheet is enclosed.

Respectfully submitted,

Stephanie Seidman
Reg. No. 33,779

Attorney Docket No. 119378-00262 / 1081
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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"Express Mail" Mailing Label Number EM 247737859 US

Date of Deposit October 9, 2008

I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Steven Dennis



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Reg. No. 33,779

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Art Unit : 1625
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTION TO ISSUED CERTIFICATE OF CORRECTION

Issuance of a corrected Certificate of Correction for the above-referenced patent respectfully is requested. New errors were introduced by the PTO in the Certificate of Correction issued on 28 August 2007. A hand-corrected version of the issued Certificate of Correction for the above captioned patent is attached. Correction of the following errors introduced by the PTO respectfully is requested:

In issued Claim 32, on page 1 of the Certificate of Correction issued on 28 August 2007, in line 5 the PTO incorrectly printed a right curly bracket '}' instead of a closed parenthesis symbol ')' immediately following the plus-minus sign '±'. Please replace the right curly bracket with a closed parenthesis symbol such that the claim now recites —(±)—, as provided on page 121, line 13 of the originally filed specification. Patentee notes that issued Claim 32 corresponds to originally filed Claim 40 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 32, on page 2 of the Certificate of Correction issued on 28 August 2007, in line 11 the PTO incorrectly printed "methy" instead of —methyl—. Please replace "methy" with —methyl— as originally recited on page 123, line 2 of originally filed Claim 40. Patentee notes that issued Claim 32 corresponds to originally filed Claim 40 as evidenced

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Date of Deposit **October 9, 2008**
I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 CFR §1.10 on the date indicated above and is addressed to: Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

Steven Dennis

by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 32, on page 2 of the Certificate of Correction issued on 28 August 2007, in line 17 the PTO incorrectly printed a right curly bracket ‘}’ instead of a closed parenthesis symbol ‘)’ immediately following the recitation “(2,2,2-trifluoroethyl”. Please replace the right curly bracket with a closed parenthesis symbol such that the claim now recites —(2,2,2-trifluoroethyl)— as originally amended in Claim 40 on page 12, line 5 of the Amendment and Response, filed on 15 September 2005. Patentee notes that issued Claim 32 corresponds to then-pending Claim 40 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 32, on page 2 of the Certificate of Correction issued on 28 August 2007, in line 32 the PTO incorrectly printed an open parenthesis symbol ‘(’ instead of an open bracket ‘[’ immediately following the recitation “pyrrolo”. Please replace the open parenthesis symbol with an open bracket such that the claim now recites —pyrrolo[3,2-]— as provided on page 123, line 27 of originally filed Claim 40. Patentee notes that issued Claim 32 corresponds to originally filed Claim 40 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 32, on page 3 of the Certificate of Correction issued on 28 August 2007, in line 8 the PTO incorrectly omitted a dash ‘-’ between the number ‘3’ and the capital letter ‘T’. Please insert a dash such that the recitation now reads as “3-T” as originally recited on page 124, line 14 of originally filed Claim 40. Patentee notes that issued Claim 32 corresponds to originally filed Claim 40 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 33, on page 4 of the Certificate of Correction issued on 28 August 2007, in line 3 the PTO incorrectly printed “trifluorometbyl” instead of —trifluoromethyl—. Please replace “trifluorometbyl” with —trifluoromethyl— as originally recited on page 127, line 5 of originally filed Claim 41. Patentee notes that issued Claim 33 corresponds to originally filed Claim 41 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

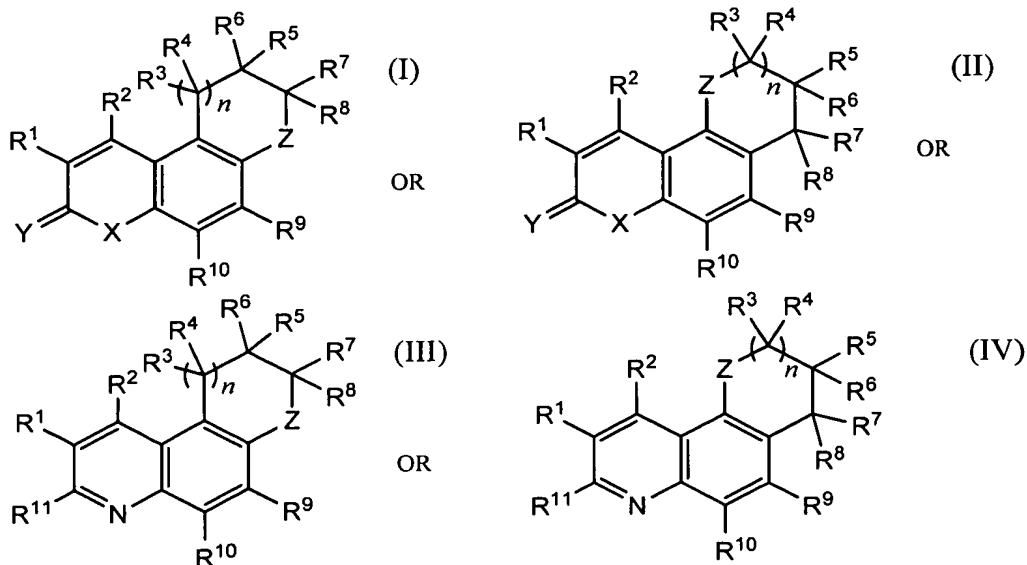
In issued Claim 33, on page 4 of the Certificate of Correction issued on 28 August 2007, in line 24 the PTO incorrectly printed “peatano” instead of —pentano—. Please replace “peatano” with —pentano— as originally recited in Claim 41 on page 15, lines 1-2 of the Amendment and Response, filed on 15 September 2005. Patentee notes that issued Claim

33 corresponds to then-pending Claim 41 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 33, on page 4 of the Certificate of Correction issued on 28 August 2007, in line 24 the PTO incorrectly omitted “-4-” between “(2,2,2-trifluoroethyl)” and “trifluoromethylcyclopentano”. Please insert “-4-” between “(2,2,2-trifluoroethyl)” and “trifluoromethylcyclopentano” such that the recitation now reads as —(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano—, as originally recited in Claim 41 on page 15, lines 1-2 of the Amendment and Response, filed on 15 September 2005. Patentee notes that issued Claim 33 corresponds to then-pending Claim 41 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 33, on page 4 of the Certificate of Correction issued on 28 August 2007, in line 27 the PTO incorrectly printed a semicolon instead of a period. Please replace the semicolon with a period as originally recited in Claim 41 on page 18, lines 9-16 of the Amendment and Response, filed on 11 November 2003. Patentee notes that issued Claim 33 corresponds to then-pending Claim 41 as evidenced by the Index of Claims prepared by the PTO, dated 27 October 2005. A copy of the Index of Claims is attached for your reference.

In issued Claim 34, on page 5 of the Certificate of Correction issued on 28 August 2007, the PTO printed chemical formulae (I), (II), (III) and (IV) such that the superscript substituent identifiers are illegible. To render the superscript substituent identifiers legible please replace formulae (I), (II), (III) and (IV) with the following chemical structures:



Applicant : Lin Zhi *et al.*
Serial No. : 10/080,926
Filed : February 22, 2002

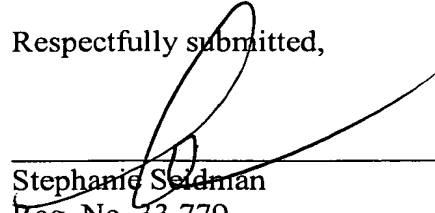
Attorney's Docket No.: 119378-00262 / 1081
Request for Correction to Issued Certificate of Correction

Patentee notes that the superscript substituents of formulae (I), (II), (III) and (IV) of Claim 34 were legible as submitted by Patentee in the Request for Certificate of Correction of 09 August 2006 and the Request for Corrected Certificate of Correction of 27 April 2007.

In issued Claim 34, on page 5 of the Certificate of Correction issued on 28 August 2007, between lines 5 and 6, the PTO incorrectly merged issued Claim 34 with issued Claim 53 by omitting pages 12-14 of the Certificate of Correction issued on 27 February 2007. The incorrect merger of issued Claims 34 and 53 by the PTO results in the omission of substituents R¹ through R¹⁶ and variables 'W' through 'm' of Claim 34. Additionally, the incorrect merger of issued Claims 34 and 53 by the PTO results in the omission of formulas (I) through (IV) and substituents R¹ through R⁵ of issued Claim 53. Accordingly, please insert the omitted substituents and variables of Claim 34 and the omitted formula and substituents of Claim 53 as originally provided in the Certificate of Correction issued on 27 February 2007 such that the substituents of issued Claim 34 and 53 are properly presented. For the Office's convenience, a clean copy of Patentee's originally filed Request for Certificate of Correction, filed 9 August 2006, is attached, which correctly presents the substituents and variables associated with Claims 34 and 53.

The errors sought to be corrected were made in printing by the Patent and Trademark Office, and no fee should be due. If it is determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 02-1818.

Respectfully submitted,



Stephanie Seidman
Reg. No. 33,779

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Applicant : Lin Zhi *et al.*
Serial No. : 10/080,926
Filed : February 22, 2002

Attorney's Docket No.: 119378-00262 / 1081
Request for Correction to Issued Certificate of Correction

HAND-ANNOTATED CORRECTIONS TO THE
CERTIFICATE OF CORRECTION
ISSUED ON 28 AUGUST 2007

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484 B2
APPLICATION NO. : 10/080926
DATED : April 11, 2006
INVENTOR(S) : Lin Zhi et al.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 82, Line 13 should read

(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2-methylpropyl)-4-trifluoromethylcyclopentano
[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2,2-chlorodifluoro-ethyl)-4-

trifluoromethylcyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-cyclopropylmethyl-4-

trifluoromethylcyclopentano[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2-dimethoxyethyl)-4-trifluoromethylcyclo-
pentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-4c,5,6,7,8,8a(*cis*)-Hexahydro-9-(2,2,2-trifluoroethyl)-4-trifluoromethyl-9*H*-
cyclohexano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-4c,5,6,7,8,9,9a(*cis*),10-Octahydro-10-(2,2,2-trifluoroethyl)-4-

trifluoromethylcycloheptano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-6-ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-
pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-butyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-
pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-(4-nitrophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-
trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-(4-dimethylaminophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-
trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-
trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-(3-trifluoromethylphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-
trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-(4-fluorophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-
trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-Dihydro-5-phenyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo-3,2-*f*-
quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-4-trifluoromethyl-7*H*-pyrrolo
[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-7-(2,2-dimethoxyethyl)-4-
trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

(±)-5,6-*cis*-Dihydro-5-isopropyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-
7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484 B2
APPLICATION NO. : 10/080926
DATED : April 11, 2006
INVENTOR(S) : Lin Zhi et al.

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(±)-5,6-Dihydro-5-ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo-[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-5-ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo-[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-5-(2-ethoxycarbonyl-ethyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5,6-Dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
6-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one; *methyl*
6-Ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5,6,7,8-Tetrahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano[g]-pyrrolo[3,2-f]quinolin-2(1H)-one;
8-Trifluoroethyl-4-trifluoromethyl-6,8-dihydrocyclopentano[g]pyrrolo[3,2-f]quinolin-2(1H)-one;
9-Trifluoroethyl-trifluoromethyl-9H-benzo[g]pyrrolo[3,2-f]quinolin-2(1H)-one;
5-(3-Trifluoromethylphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-(4-Fluorophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-(2-Ethoxycarbonyl-ethyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Hydroxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Methyl-6-(1-hydroxyethyl)-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Methyl-6-acetyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Formyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Acetyloxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
2-Acetyloxy-5-hydroxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinoline;

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APPLICATION NO. : 10/080926
DATED : April 11, 2006
INVENTOR(S) : Lin Zhi et al.

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

6-Ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Ethoxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]-
quinolin-2(1H)-one;
(+)-6-(1-Methoxyethyl)-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo
[3,2-f]quinolin-2(1H)-one;
7-Allyl-6-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2(1H)-one;
6-Ethyl-7-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2(1H)-one;
insect
dash → 7-(3-Trifluoromethylphenyl)-6-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2
(1H)-one;
7-(2-Hydroxyethyl)-6-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2(1H)-one;
(+)-4c,5,6,7,7a(cis),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethyl-
cyclopentano-[g]-pyrrolo[3,2-f]quinolin-2(1H)-one;
(-)-4c,5,6,7,7a(cis),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-
trifluoromethylcyclopentano-[g]-pyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-6-hydroxymethyl-4-trifluoromethylpyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-7-ethyl-6-hydroxymethyl-4-trifluoromethylpyrrolo[3,2-f]quinolin-2
(1H)-one;
5-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethylpyrrolo[3,2-f]quinolin-2(1H)-one;
6-Formyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]
quinolin-2(1H)-one; and
5,6-Dimethyl-7-(2,2,2-difluorovinyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-
2(1H)-one.

Col. 84, line 1 should read

33. A compound according to claim 1, wherein said compound is selected from the group consisting of:

(±)-4c,5,6,7,7a(cis),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-
trifluoromethylcyclopentano-[g]-pyrrolo-[3,2-f]quinolin-2(1H)-one;
(±)-4c,5,6,7,7a(cis),8-Hexahydro-8-ethyl-4-trifluoromethylcyclopentano-[g]pyrrolo
[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-5,6-cis-dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo
[3,2-f]quinolin-2(1H)-one;
(±)-4c,5,6,7,7a(cis),8-Hexahydro-8-propyl-4-trifluoromethylcyclopentano-[g]pyrrolo-
[3,2-f]quinolin-2(1H)-one;
(±)-4c,5,6,7,7a(cis),8-Hexahydro-8-(2,2,2-chlorodifluoroethyl)-4-trifluoromethylcyclo-
pentano-[g]-pyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-4c,5,6,7,7a(cis),8-Hexahydro-8 cyclopropylmethyl-4-trifluoromethylcyclopentano
[g]pyrrolo[3,2-f]quinolin-2(1H)-one;

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484 B2
APPLICATION NO. : 10/080926
DATED : April 11, 2006
INVENTOR(S) : Lin Zhi et al.

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(±)4c,5,6,7,8,8a(*cis*)-Hexahydro-9-(2,2,2-trifluoroethyl)-4-trifluoromethyl-9H-cyclohexano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one; ~~trifluoromethyl~~
(±)-5,6-*cis* -Dihydro-6-ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-5,6-*cis*-Dihydro-5-butyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-5,6-Dihydro-5-ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-5,6-Dihydro-5-ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-5,6-*cis*-Dihydro-5-methyl-6-ethyl-7-(2,2,2-trifluoroethyl)-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5,6-Dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
6-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
6-Ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5,6,7,8-Tetrahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
6-Ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(+)-4c,5,6,7,7a(*cis*)-8-Hexahydro-8-(2,2,2-trifluoroethyl)-trifluoromethylcyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one; and ~~-4-~~ ~~pentano~~
(-)-4c,5,6,7,7a(*cis*)-8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano-[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one/⊙

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

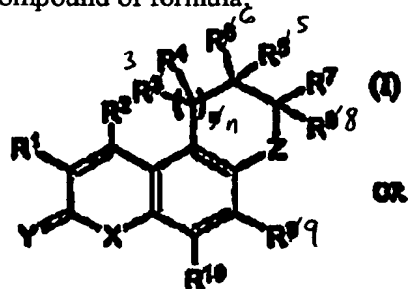
PATENT NO. : 7,026,484 B2
APPLICATION NO. : 10/080926
DATED : April 11, 2006
INVENTOR(S) : Lin Zhi et al.

Page 5 of 6

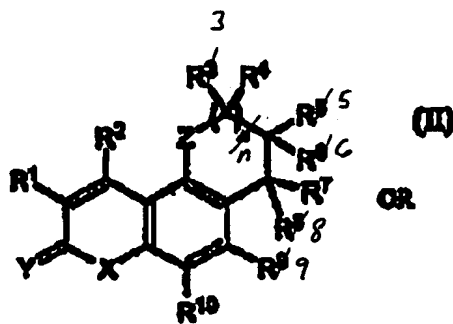
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 84, line 64 should read

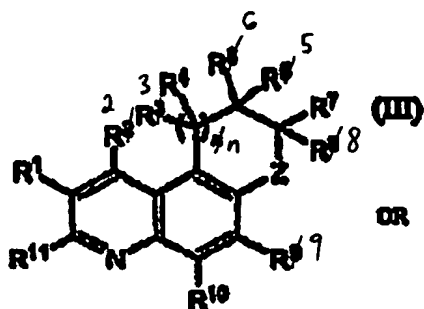
34. A pharmaceutical composition, comprising:
a pharmaceutically acceptable carrier; and
a compound of formula:



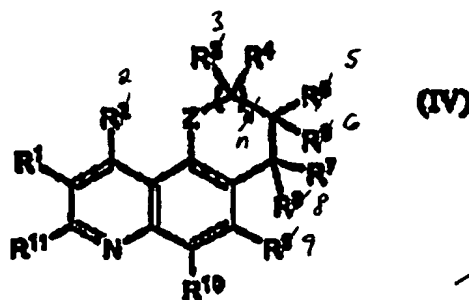
OR



OR



OR



R⁶ is selected from among hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ heteroalkyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, heteroaryl and aryl groups are optionally substituted;

R⁷ is selected from among hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R⁸ is selected from among hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ heteroalkyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, heteroaryl and aryl groups are optionally substituted; or

R³ and R⁵ taken together form a bond; or

R⁵ and R⁷ taken together form a bond; or

R⁴ and R⁶ taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted; or

R⁶ and R⁸ taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted;

This is the beginning portion of Claim 34.

missing R¹-R¹⁶ and ω-m of Claim 34.

missing formula I-IV and R¹-R⁵ of Claim 53.

This is a part of Claim 53.

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484 B2
APPLICATION NO. : 10/080926
DATED : April 11, 2006
INVENTOR(S) : Lin Zhi et al.

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

R^9 and R^{10} each independently is selected from among hydrogen, F, Cl, Br, I, CN, OR^{12} , $NR^{12}R^{13}$, $C_m(R^{12})_{2m}OR^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}C(O)R^{13}$, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl and arylalkyl groups are optionally substituted;

R^{11} is selected from among F, Br, Cl, I, CN, OR^{14} , $NR^{14}R^{13}$ and SR^{14} ;

R^{12} and R^{13} each independently is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups are optionally substituted;

R^{14} is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, aryl, heteroaryl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl, heteroalkyl, aryl and heteroaryl groups are optionally substituted;

R^{15} and R^{16} each independently is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl and C_1-C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

W is O or S;

X is N $\{R^{14}\}$;

Y is selected from among O, S, N $\{R^{12}\}$ and NO $\{R^{12}\}$;

Z is N $\{R^{12}\}$;

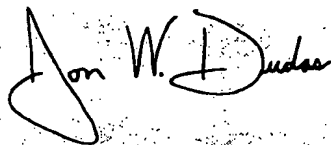
n is 0; and

m is 0 or 1;

or a pharmaceutically acceptable salt thereof.

Signed and Sealed this

Twenty-eighth Day of August, 2007



JON W. DUDAS

Director of the United States Patent and Trademark Office

Applicant : Lin Zhi *et al.*
Serial No. : 10/080,926
Filed : February 22, 2002

Attorney's Docket No.: 119378-00262 / 1081
Request for Correction to Issued Certificate of Correction

CLEAN COPY OF PATENTEE'S ORIGINALLY REQUESTED
CERTIFICATE OF CORRECTION
FILED ON 9 AUGUST 2006

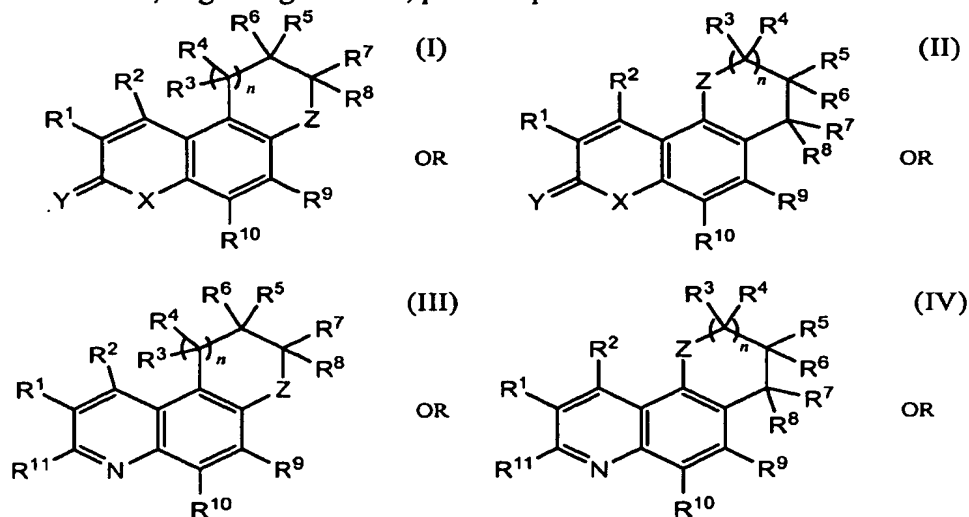
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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION:

In column 2, beginning at line 7, please replace formulas I-VIII with:



MAILING ADDRESS OF SENDER:

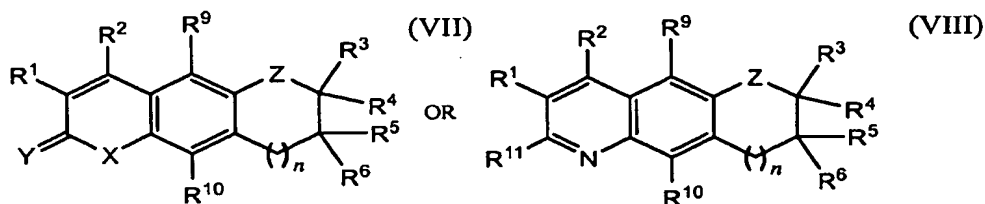
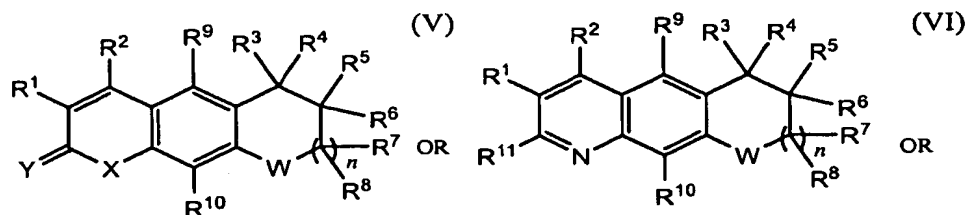
PATENT NO. 7,026,484

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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



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PATENT NO. 7,026,484

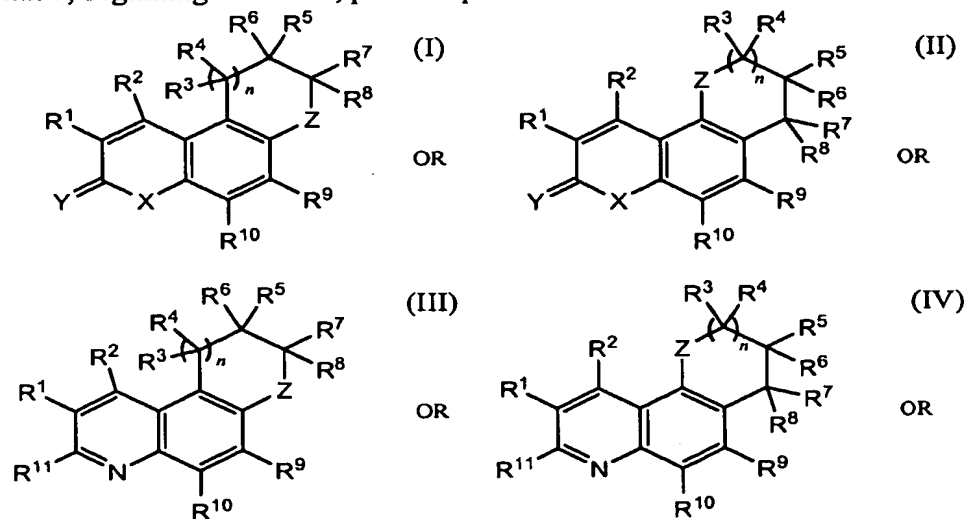
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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

in column 7, beginning at line 15, please replace formulas I-VIII with:



MAILING ADDRESS OF SENDER:

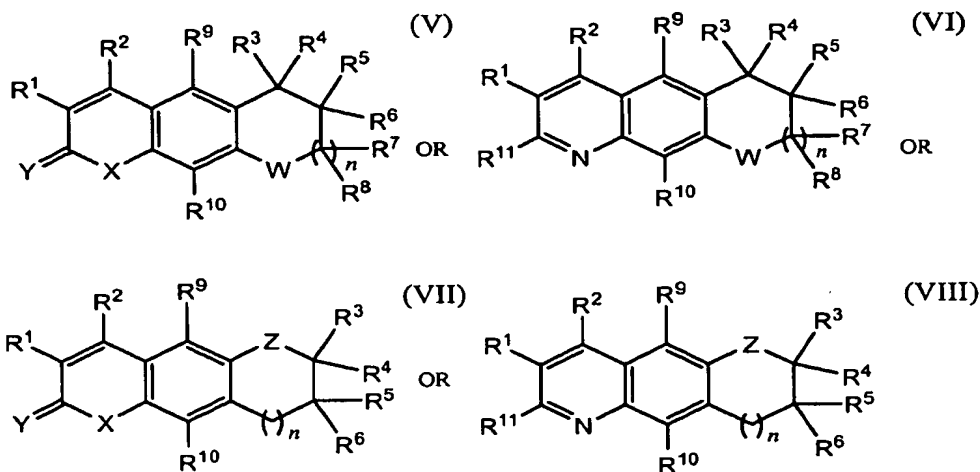
PATENT NO. 7,026,484

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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:



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PATENT No. 7,026,484

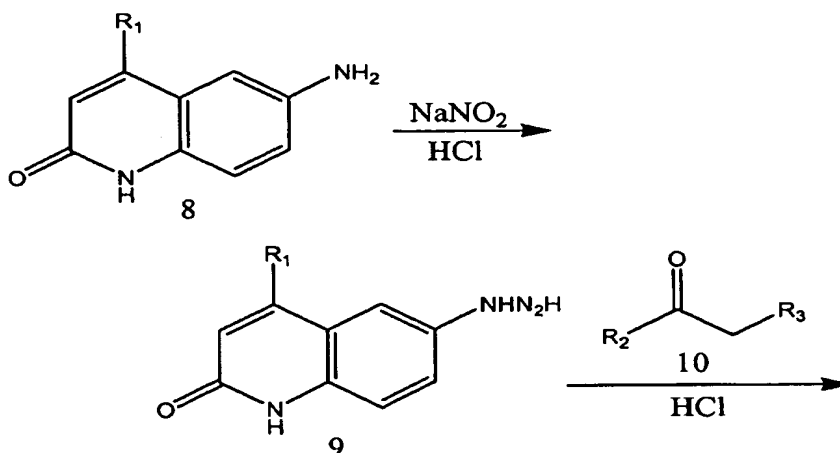
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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

in column 24, lines 53-67, please replace the structures in Scheme II with:



in column 57, lines 4-6, please replace
“(Compound 177, Structure 26 of Scheme IV, where R_2 =methyl, R_3 =2-hydroxyethyl)”
with —(Compound 177, Structure 26 of Scheme IV, where R_2 =methyl, R_3 =2-
hydroxyethyl)—

in column 70, line 21, please replace “chloronation” with —chlorination—

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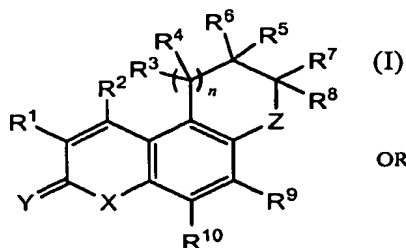
PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

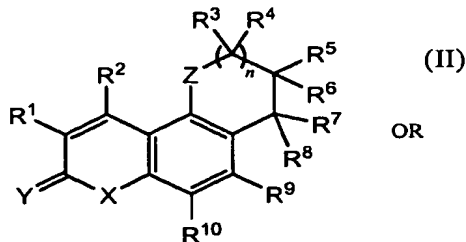
IN THE CLAIMS:

Please replace Claims 1, 4, 26, 28, 29, 30, 32, 33, 34, 42, 43, 50, 52, 53, and 60 with the following Claims:

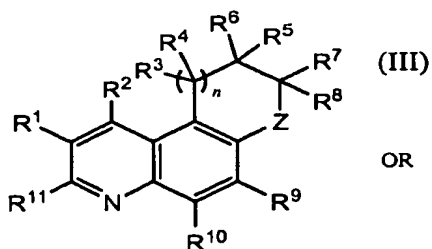
1. A compound of the formula:



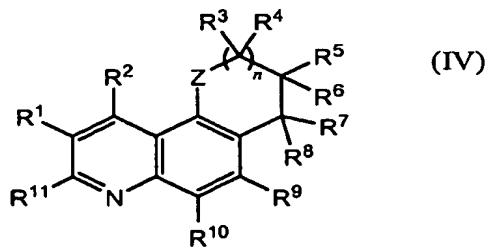
OR



OR



OR



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PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

wherein:

R^1 is selected from among hydrogen, F, Cl, Br, I, NO_2 , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{12}$, substituted C_1-C_8 alkyl, C_1-C_8 haloalkyl and C_1-C_8 heteroalkyl, wherein the haloalkyl and heteroalkyl groups are optionally substituted;

R^2 is selected from among F, Cl, Br, I, CF_3 , CHF_2 , CH_2F , CF_2Cl , CN, CF_2OR^{12} , CH_2OR^{12} , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{13}$, substituted C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkenyl and C_2-C_8 alkynyl, wherein the haloalkyl, heteroalkyl, alkenyl and alkynyl groups are optionally substituted;

R^3 is selected from among hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^4 is selected from among hydrogen, F, Cl, Br, I, OR^{12} , $NR^{12}R^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkynyl, C_2-C_8 alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups are optionally substituted;

R^5 is selected from among hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^6 is selected from among hydrogen, F, Cl, Br, I, OR^{12} , $NR^{12}R^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkynyl, C_2-C_8 alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups are optionally substituted;

R^7 is selected from among hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

R^8 is selected from among hydrogen, F, Cl, Br, I, OR^{12} , $NR^{12}R^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkynyl, C_2-C_8 alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups are optionally substituted; or

R^3 and R^5 taken together form a bond; or

R^5 and R^7 taken together form a bond; or

R^4 and R^6 taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted; or

R^6 and R^8 taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted;

R^9 and R^{10} each independently is selected from among hydrogen, F, Cl, Br, I, CN, OR^{12} , $NR^{12}R^{13}$, $C_m(R^{12})_{2m}OR^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}C(O)R^{13}$, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl and arylalkyl groups are optionally substituted;

R^{11} is selected from among F, Br, Cl, I, CN, OR^{14} , $NR^{14}R^{13}$, and SR^{14} ;

R^{12} and R^{13} each independently is selected from the group of hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups are optionally substituted;

R^{14} is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, aryl, heteroaryl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl, heteroalkyl, aryl and heteroaryl groups are optionally substituted;

R^{15} and R^{16} each independently is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

W is O or S;
X is N{R¹⁴};
Y is selected from among O, S, N{R¹²} and NO{R¹²};
Z is N{R¹²};
n is 0; and
m is 0 or 1;
or a pharmaceutically acceptable salt thereof.

4. A compound according to claim 1, wherein R² is selected from among F, Cl, Br, CF₃, CF₂Cl, CF₂H, CFH₂, substituted C₁-C₄ alkyl, C₁-C₄ haloalkyl, C₁-C₄ heteroalkyl, C₂-C₄ alkenyl and C₂-C₄ alkynyl, wherein the haloalkyl, heteroalkyl, alkenyl and alkynyl groups are optionally substituted.

26. A compound according to claim 1, wherein:

R⁶ and R⁸ each independently is selected from among hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl, C₁-C₆ heteroalkyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, heteroaryl and aryl groups are optionally substituted; or

R⁶ and R⁸ taken together form a three to eight membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted.

28. A compound according to claim 1, wherein:

R¹ is selected from among hydrogen, F, Cl, Br, I, substituted C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the haloalkyl and heteroalkyl groups are optionally substituted;

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PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

R^2 is selected from among F, Cl, Br, CF_3 , CF_2Cl , CF_2H , CFH_2 , substituted C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, wherein haloalkyl and heteroalkyl groups are optionally substituted; and

R^3 and R^4 each independently is selected from among hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted.

29. A compound according to claim 28, wherein:

R^5 through R^8 each independently is selected from among hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted; or

R^6 and R^8 taken together form a four to six membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted.

30. A compound according to claim 29, wherein:

R^9 and R^{10} each independently is selected from among hydrogen, F, Cl, Br, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^{12} is selected from among hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl and C_1-C_6 heteroalkyl, C_2-C_6 alkenyl, C_2-C_6 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups are optionally substituted; and

R^{14} is selected from among hydrogen, C_1-C_6 alkyl, C_1-C_6 haloalkyl, C_1-C_6 heteroalkyl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted.

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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

32. A compound according to claim 1, wherein said compound is selected from among:
6-Methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Isopropyl-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Allyl-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-(4-Methoxyphenyl)-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-(3-Trifluoromethylphenyl)-6-methyl-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
4-Trifluoromethyl-5,6,7,8-tetrahydrocyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
4-Trifluoromethyl-5,6,7,8,9,10-hexahydrocycloheptano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano[g]pyrrolo-[3,2-*f*]quinolin-2(1*H*)-one;
(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-ethyl-4-trifluoromethylcyclopentano-[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-5,6-Dihydro-5,6-*cis*-dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-propyl-4-trifluoromethylcyclopentano-[g]pyrrolo-[3,2-*f*]quinolin-2(1*H*)-one;
(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(3-furanylmethyl)-4-trifluoromethylcyclopentano[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(3-thiophenemethyl)-4-trifluoromethylcyclopentano[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2-methylpropyl)-4-trifluoromethylcyclopentano[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

MAILING ADDRESS OF SENDER:

PATENT NO. 7,026,484

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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2,2-chlorodifluoro-ethyl)-4-trifluoromethylcyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-cyclopropylmethyl-4-trifluoromethylcyclopentano[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2-dimethoxyethyl)-4-trifluoromethylcyclopentano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,8,8a(*cis*)-Hexahydro-9-(2,2,2-trifluoroethyl)-4-trifluoromethyl-9*H*-cyclohexano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,8,9,9a(*cis*),10-Octahydro-10-(2,2,2-trifluoroethyl)-4-trifluoromethylcycloheptano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-6-ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-butyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-(4-nitrophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-(4-dimethylaminophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-(3-trifluoromethylphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-(4-fluorophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

MAILING ADDRESS OF SENDER:

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PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(±)-5,6-Dihydro-5-phenyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]-quinolin-2(1H)-one;
(±)-5,6-*cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-4-trifluoromethyl-7H-pyrrolo[3,2-f]-quinolin-2(1H)-one;
(±)-5,6-*cis*-Dihydro-5-(4-methoxyphenyl)-6-methyl-7-(2,2-dimethoxyethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-*cis*-Dihydro-5-isopropyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-5-ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-5-ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-5-(2-ethoxycarbonyl-ethyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5,6-Dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
6-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
6-Ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5-Ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
5,6,7,8-Tetrahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano[g]-pyrrolo[3,2-f]quinolin-2(1H)-one;

MAILING ADDRESS OF SENDER:

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PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

- 8-Trifluoroethyl-4-trifluoromethyl-6,8-dihydrocyclopentano[g]pyrrolo[3,2-f]quinolin-2(1H)-one;
- 9-Trifluoroethyl-4-trifluoromethyl-9H-benzo[g]pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-(3-Trifluoromethylphenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-(4-Fluorophenyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-(2-Ethoxycarbonyl-ethyl)-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-Hydroxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-Methyl-6-(1-hydroxyethyl)-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-Methyl-6-acetyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-Formyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-Acetyloxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 2-Acetyloxy-5-hydroxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinoline;
- 6-Ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
- 5-Ethoxymethyl-6-ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;

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PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(+)-6-(1-Methoxyethyl)-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one;
7-Allyl-6-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2(1H)-one;
6-Ethyl-7-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2(1H)-one;
7-(3-Trifluoromethylphenyl)-6-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2(1H)-one;
7-(2-Hydroxyethyl)-6-methyl-4-trifluoromethyl-5H-pyrrolo[2,3-f]quinolin-2(1H)-one;
(+)-4c,5,6,7,7a(cis),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethyl-cyclopentano-[g]-pyrrolo[3,2-f]quinolin-2(1H)-one;
(-)-4c,5,6,7,7a(cis),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano-[g]-pyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-6-hydroxymethyl-4-trifluoromethylpyrrolo[3,2-f]quinolin-2(1H)-one;
(±)-5,6-Dihydro-7-ethyl-6-hydroxymethyl-4-trifluoromethylpyrrolo[3,2-f]quinolin-2(1H)-one;
5-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethylpyrrolo[3,2-f]quinolin-2(1H)-one;
6-Formyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one; and
5,6-Dimethyl-7-(2,2-difluorovinyl)-4-trifluoromethyl-7H-pyrrolo[3,2-f]quinolin-2(1H)-one.

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INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

33. A compound according to claim 1, wherein said compound is selected from the group consisting of:

- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano-[g]pyrrolo-[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-ethyl-4-trifluoromethylcyclopentano-[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-Dihydro-5,6-*cis*-dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-propyl-4-trifluoromethylcyclopentano-[g]pyrrolo-[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2,2-chlorodifluoroethyl)-4-trifluoromethylcyclopentano-[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-cyclopropylmethyl-4-trifluoromethylcyclopentano[g]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-4c,5,6,7,8,8a(*cis*)-Hexahydro-9-(2,2,2-trifluoroethyl)-4-trifluoromethyl-9*H*-cyclohexano[g]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-6-ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-*cis*-Dihydro-5-butyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-Dihydro-5-ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
- (±)-5,6-Dihydro-5-ethyl-6-propyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;

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CERTIFICATE OF CORRECTION

PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(±)-5,6-*cis*-Dihydro-5-methyl-6-ethyl-7-(2,2,2-trifluoroethyl)-7*H*-pyrrolo[3,2-*f*]-quinolin-2(1*H*)-one;
5,6-Dimethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
6-Methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
6-Ethyl-5-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5-Ethyl-6-methyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
5,6,7,8-Tetrahydro-8-trifluoroethyl-4-trifluoromethylcyclopentano[*g*]pyrrolo[3,2-*f*]-quinolin-2(1*H*)-one;
6-Ethyl-7-(2,2,2-trifluoroethyl)-4-trifluoromethyl-7*H*-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one;
(+)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano-[*g*]-pyrrolo[3,2-*f*]quinolin-2(1*H*)-one; and
(-)-4c,5,6,7,7a(*cis*),8-Hexahydro-8-(2,2,2-trifluoroethyl)-4-trifluoromethylcyclopentano-[*g*]pyrrolo[3,2-*f*]quinolin-2(1*H*)-one.

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PATENT NO. 7,026,484

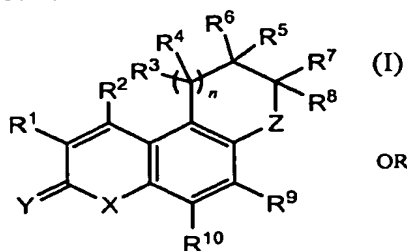
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PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

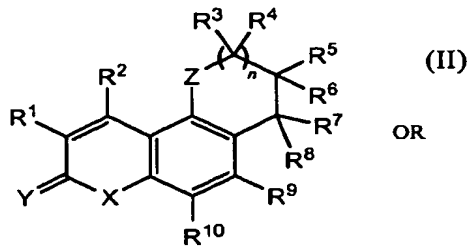
It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

34. A pharmaceutical composition, comprising:
a pharmaceutically acceptable carrier; and
a compound of formula:



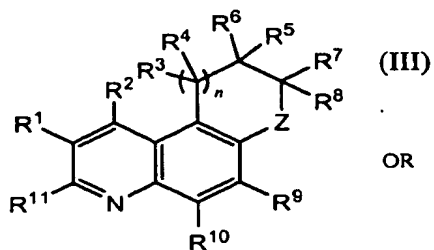
(I)

OR



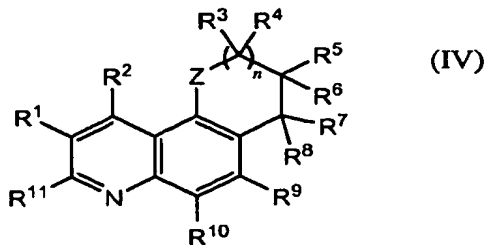
(II)

OR



(III)

OR



(IV)

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DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

wherein:

R^1 is selected from among hydrogen, F, Cl, Br, I, NO_2 , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{13}$, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl and C_1 - C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^2 is selected from among F, Cl, Br, I, CF_3 , CHF_2 , CH_2F , CF_2Cl , CN, CF_2OR^{12} , CH_2OR^{12} , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{13}$, substituted C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, C_2 - C_8 alkenyl and C_2 - C_8 alkynyl, wherein the haloalkyl, heteroalkyl, alkenyl and alkynyl groups are optionally substituted;

R^3 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^4 is selected from among hydrogen, F, Cl, Br, I, OR^{12} , $NR^{12}R^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, C_2 - C_8 alkynyl, C_2 - C_8 alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups are optionally substituted;

R^5 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^6 is selected from among hydrogen, F, Cl, Br, I, OR^{12} , $NR^{12}R^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , C_1 - C_8 alkyl, C_1 - C_8 haloalkyl, C_1 - C_8 heteroalkyl, C_2 - C_8 alkynyl, C_2 - C_8 alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups are optionally substituted;

R^7 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

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PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

R^8 is selected from among hydrogen, F, Cl, Br, I, OR^{12} , $NR^{12}R^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkynyl, C_2-C_8 alkenyl, aryl, heteroaryl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl, alkynyl, alkenyl, aryl, heteroaryl and arylalkyl groups are optionally substituted; or

R^3 and R^5 taken together form a bond; or

R^5 and R^7 taken together form a bond; or

R^4 and R^6 taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted; or

R^6 and R^8 taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted;

R^9 and R^{10} each independently is selected from among hydrogen, F, Cl, Br, I, CN, OR^{12} , $NR^{12}R^{13}$, $C_m(R^{12})_{2m}OR^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}C(O)R^{13}$, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl and arylalkyl groups are optionally substituted;

R^{11} is selected from among hydrogen, F, Br, Cl, I, CN, OR^{14} , $NR^{14}R^{13}$ and SR^{14} ;

R^{12} and R^{13} each independently is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups are optionally substituted;

R^{14} is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, aryl, heteroaryl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl, heteroalkyl, aryl and heteroaryl groups are optionally substituted;

R^{15} and R^{16} each independently is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

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INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

W is O or S;
X is N{R¹⁴};
Y is selected from among O, S, N{R¹²} and N{OR¹²};
Z is N{R¹²};
n is 0; and
m is 0 or 1;
or a pharmaceutically acceptable salt thereof.

42. A pharmaceutical composition according to claim 34, wherein R¹¹ is selected from among F, Cl, CN, OR¹⁴, NR¹⁴R¹³ and SR¹⁴.

43. A pharmaceutical composition according to claim 42, wherein R¹¹ is selected from among F, Cl, OR¹⁴, SR¹⁴ and NR¹⁴R¹³.

50. A pharmaceutical composition according to claim 49, wherein:

R⁵ through R⁸ each independently is selected from among hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted; or

R⁶ and R⁸ taken together form a four to six membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted.

52. A pharmaceutical composition according to claim 51, wherein Y is O or S.

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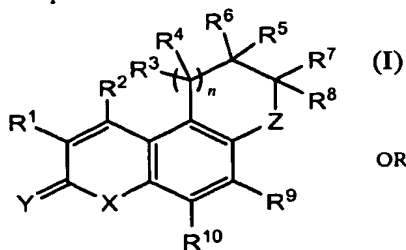
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OnlyUNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

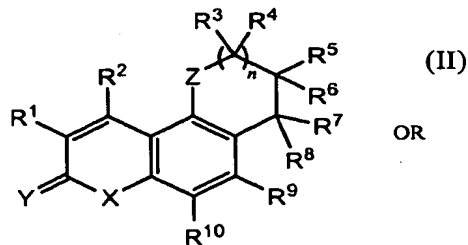
PATENT NO. : 7,026,484
DATED : APRIL 11, 2006
INVENTOR(S) : LIN ZHI ET AL.

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

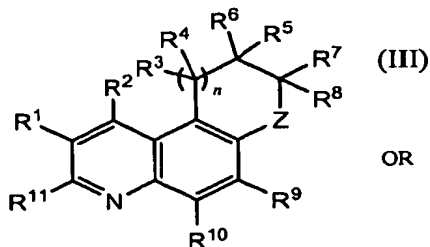
53. A compound of formula:



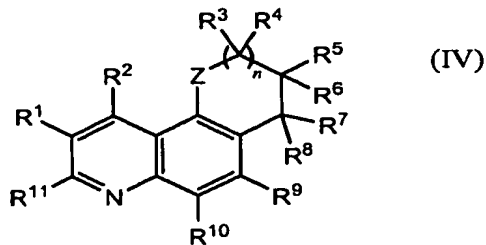
OR



OR



OR



MAILING ADDRESS OF SENDER:

PATENT NO. 7,026,484

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wherein:

R^1 is selected from among hydrogen, F, Cl, Br, I, NO_2 , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{12}$, C_1 - C_8 alkyl, C_1 - C_8 haloalkyl and C_1 - C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^2 is selected from among F, Cl, Br, CF_3 , CHF_2 , CH_2F , CF_2Cl , CF_2OR^{12} , CH_2OR^{12} , OR^{12} , SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}R^{13}$, substituted C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, and C_1 - C_6 heteroalkyl, wherein the haloalkyl, and heteroalkyl groups are optionally substituted;

R^3 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^4 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^5 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^6 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 heteroalkyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, heteroaryl and aryl groups are optionally substituted;

R^7 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl and C_1 - C_6 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;

R^8 is selected from among hydrogen, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 heteroalkyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, heteroaryl and aryl groups are optionally substituted; or

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It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

R^3 and R^5 taken together form a bond; or
 R^5 and R^7 taken together form a bond; or
 R^4 and R^6 taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted; or
 R^6 and R^8 taken together form a three- to eight-membered saturated or unsaturated carbocyclic ring, wherein the carbocyclic ring is optionally substituted;
 R^9 and R^{10} each independently is selected from among hydrogen, F, Cl, Br, I, CN, OR^{12} , $NR^{12}R^{13}$, $C_m(R^{12})_{2m}OR^{13}$, SR^{12} , SOR^{12} , SO_2R^{12} , $NR^{12}C(O)R^{13}$, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl and arylalkyl, wherein the alkyl, haloalkyl, heteroalkyl and arylalkyl groups are optionally substituted;
 R^{11} is selected from among F, Br, Cl, I, CN, OR^{14} , $NR^{14}R^{13}$ and SR^{14} ;
 R^{12} and R^{13} each independently is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, C_2-C_8 alkenyl, C_2-C_8 alkynyl, heteroaryl and aryl, wherein the alkyl, haloalkyl, heteroalkyl, alkenyl, alkynyl, heteroaryl and aryl groups are optionally substituted;
 R^{14} is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, aryl, heteroaryl, $C(O)R^{15}$, CO_2R^{15} and $C(O)NR^{15}R^{16}$, wherein the alkyl, haloalkyl, heteroalkyl, aryl and heteroaryl groups are optionally substituted;
 R^{15} and R^{16} each independently is selected from among hydrogen, C_1-C_8 alkyl, C_1-C_8 haloalkyl, C_1-C_8 heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted;
 W is O or S;
 X is $N\{R^{14}\}$;
 Y is selected from the group of O, S, $N\{R^{12}\}$ and $NO\{R^{12}\}$;
 Z is $N\{R^{12}\}$;

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n is 0; and
m is 0 or 1;
or a pharmaceutically acceptable salt thereof.

60. A compound according to claim 34, wherein:

R⁵ and R⁷ each independently is selected from among hydrogen, C₁-C₆ alkyl, C₁-C₆ haloalkyl and C₁-C₆ heteroalkyl, wherein the alkyl, haloalkyl and heteroalkyl groups are optionally substituted; or

R⁵ and R⁷ taken together form a bond.

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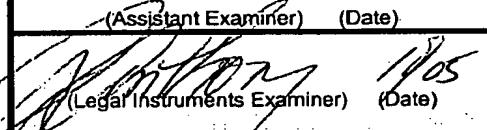

Applicant : Lin Zhi *et al.*
Serial No. : 10/080,926
Filed : February 22, 2002

Attorney's Docket No.: 119378-00262 / 1081
Request for Correction to Issued Certificate of Correction

INDEX OF CLAIMS
DATED 27 OCTOBER 2005

Issue Classification 	Application/Control No.		Applicant(s)/Patent under Reexamination	
	10/080,926		ZHI ET AL.	
	Examiner		Art Unit	
	D. Margaret Seaman		1625	

ISSUE CLASSIFICATION									
ORIGINAL				CROSS REFERENCE(S)					
CLASS		SUBCLASS		CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
546		80		546	84	89	62	70	
INTERNATIONAL CLASSIFICATION				514	291	292	285		
C	0	7	D	455 / 04					
C	0	7	D	221 / 18					
C	0	7	D	471 / 00					
A	6	1	K	31 / 44					

(Assistant Examiner) (Date)		D. MARGARET SEAMAN PRIMARY EXAMINER		Total Claims Allowed: 61	
 (Legal Instruments Examiner) (Date)		 (Primary Examiner) (Date)		O.G. Print Claim(s)	O.G. Print Fig.
				1	none

<input type="checkbox"/> Claims renumbered in the same order as presented by applicant				<input type="checkbox"/> CPA				<input type="checkbox"/> T.D.				<input type="checkbox"/> R.1.47			
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